Cognitive Psychology

EDITOR: Stephen E. Palmer

EDITORIAL BOARD

Anne Cutler
Baruch Fischhoff
John Flavell
Rochel Gelman
Keith Holyoak
Earl Hunt
Philip Johnson-Laird
Geoffrey Loftus
George Mandler
James McClelland
Douglas L. Medin
John Morton
Elissa Newport
Richard Nisbett
Zenon Pylyshyn
Lance Rips
Daniel Schacter
Kathryn Spoehr
Naomi Weisstein

EDITORIAL ASSOCIATE: Charles Schreiber

Volume 22, 1990

ACADEMIC PRESS, INC.

Harcourt Brace Jovanovich, Publishers

San Diego New York Boston
London Sydney Tokyo Toronto

Copyright © 1990 by Academic Press, Inc.

All rights reserved

No part of this publication may be reproduced or transmitted in any form or by any means, electronic or mechanical, including photocopy, recording, or any information storage and retrieval system, without permission in writing from the copyright owner.

The appearance of the code at the bottom of the first page of an article in this journal indicates the copyright owner's consent that copies of the article may be made for personal or internal use, or for the personal or internal use of specific clients. This consent is given on the condition, however, that the copier pay the stated per copy fee through the Copyright Clearance Center, Inc. (27 Congress Street, Salem, Massachusetts 01970), for copying beyond that permitted by Sections 107 or 108 of the U.S. Copyright Law. This consent does not extend to other kinds of copying, such as copying for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale. Copy fees for pre-1990 articles are as shown on the article title pages; if no fee code appears on the title page, the copy fee is the same as for current articles.

0010-0285/90 $7.50

MADE IN THE UNITED STATES OF AMERICA

This journal is printed on acid-free paper.

CONTENTS OF VOLUME 22

Number 1, January 1990

Acknowledgment iii

Gordon D. Logan. Repetition Priming and Automaticity: Common Underlying Mechanisms? 1

Jonathan W. Schooler and Tonya Y. Engstler-Schooler. Verbal Overshadowing of Visual Memories: Some Things Are Better Left Unsaid 36

Kenneth S. Bowers, Glenn Regehr, Claude Balthazard, and Kevin Parker. Intuition in the Context of Discovery 72

H. Schriefers. Lexical and Conceptual Factors in the Naming of Relations 111

Number 2, April 1990

Kenneth Kotovsky and Herbert A. Simon. What Makes Some Problems Really Hard: Explorations in the Problem Space of Difficulty 143

Michael H. Birnbaum and Jr-Wen Jou. A Theory of Comparative Response Times and "Difference" Judgments 184

Vicki L. Hanson and Edward H. Lichtenstein. Short-Term Memory Coding by Deaf Signers: The Primary Language Coding Hypothesis Reconsidered 211

Kyle R. Cave and Jeremy M. Wolfe. Modeling the Role of Parallel Processing in Visual Search 225

Number 3, July 1990

R. Hans Phaf, A. H. C. Van der Heijden, and Patrick T. W. Hudson. SLAM: A Connectionist Model for Attention in Visual Selection Tasks 273

Dennis R. Proffitt, Mary K. Kaiser, and Susan M. Whelan. Understanding Wheel Dynamics 342

Craig A. Kaplan and Herbert A. Simon. In Search of Insight 374

Number 4, October 1990

Susan J. Lederman and Roberta L. Klatzky. Haptic Classification of Common Objects: Knowledge-Driven Exploration 421

Brian H. Ross, Susan J. Perkins, and Patricia L. Tenpenny. Reminding-Based Category Learning 460

Pierre Perruchet, Jorge Gallego, and Isabelle Savy. A Critical Reappraisal of the Evidence for Unconscious Abstraction of Deterministic Rules in Complex Experimental Situations 493

Glyn W. Humphreys, Lindsay J. Evett, and Philip T. Quinlan. Orthographic Processing in Visual Word Identification 517

Author Index for Volume 22 561